# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Sunday 19 Nov 2023 until 23:59 on Monday 20 Nov 2023

Forecast Issued on Sunday 19 Nov 2023 at 05:23

**Confidence:** High becoming Medium in detail from Monday.

**Headline for Sunday 19 Nov 2023:** Rather persistent rain and hill fog developing. Windy at times over the tops.

**Mountain weather hazards on Sunday 19 Nov 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>Low Likelihood | **Severe chill effect**<br>Low Likelihood | **Poor visibility**<br>High Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>Low Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Light rain | Light rain | Heavy Rain | Heavy Rain | Heavy Rain | Light rain |
| Precipitation probability | | | | | |
| 30% | 40% | 80% | 70% | 60% | 30% |

**Forecast for Sunday 19 Nov 2023**

**Weather:** Cloudy during daylight hours and often overcast with outbreaks of rain and drizzle, the rain heavy at times from mid-morning and fairly persistent, especially on western slopes. Windy and feeling chilly over the tops. Navigational difficulties expected at height.

**Chance of cloud-free hill tops above 600m:** 30% in the west, 50% in east.

**Low cloud and visibility:** Extensive cloud base developing 400 to 600m from early-mid morning, mainly western slopes. More intermittent in the east. Visibility generally moderate or poor, and very poor in cloud and heavy drizzle. Briefly good at times early.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Sunday 19 Nov 2023**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 37/45 SW | 30/37 SW | 29/37 SW | 31/39 W | 31/39 W | 28/37 W | 26/34 W |
| **300** | 25/31 SW | 23/31 SW | 23/30 SW | 24/33 W | 25/35 W | 22/30 W | 18/27 SW |
| **Valley** | 13/30 SW | 11/27 SW | 13/28 SW | 16/34 W | 17/34 W | 15/31 W | 12/26 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 7/1 | 7/2 | 8/3 | 8/3 | 8/2 | 7/1 | 5/-0 |
| **300** | 9/5 | 9/5 | 10/6 | 10/6 | 9/5 | 9/5 | 8/4 |
| **Valley** | 10/7 | 10/7 | 10/7 | 10/7 | 10/7 | 9/6 | 8/5 |
| **Freezing Level*** | 1700m | 1800m | 2000m | 2000m | 2000m | 1800m | 1400m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Winds expected to be stronger over the summits, gusts of 50mph possible with notable buffeting and poor conditions when combined with the rain. Considerable wind chill expected.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 03:00 on Sun 19 Nov 2023 | 7.8mm | 17.6mm | 20.6mm |

**Forecast for Monday 20 Nov 2023**

**Weather:** Mostly cloudy with outbreaks of rain or showers at times through the day, most frequent during the morning. Lighter winds than Sunday.

**Maximum wind:** West turning North or Northwest 15 to 20mph, gust 25mph.

**Chance of cloud-free hill tops above 600m:** 30%, increasing 50% during the afternoon.

**Low cloud and visibility:** Occasional or extensive cloud, base 400 to 700m, perhaps thinning and breaking later in the day, more especially in the east and southeast. Visibility moderate or good, but poor or very poor at times at height.

**Temperature:** **Valleys:** Plus 5 rising to 12 Celsius
**At 600m:** Plus 4 to 6 Celsius
**Freezing level:** Above the summits

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